

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-25 (canceled).

26. (new) An electric motor and/or transmission comprising an input drive shaft (3) and an output drive shaft (4), and a housing (1) on which a centering flange (5) and/or an attachment flange (6) are/is provided, wherein the housing (1) is provided with at least one associated strain sensor (9).

27. (new) The electric motor and/or transmission comprising an input drive shaft (3) and an output drive shaft (4), and a housing (1) on which a centering flange (5) and/or an attachment flange (6) are/is provided, wherein the housing (1) has at least one electronics device (11) comprising an indicating display (12).

28. (new) The electric motor and/or transmission comprising an input drive shaft (3) and an output drive shaft (4), and a housing (1) on which a centering flange (5) and/or an attachment flange (6) are/is provided, wherein the centering flange (5) has

at least one radially circumferential groove (16) in which at least one damping element (14) is inserted.

29. (new) The electric motor and/or transmission as claimed in claim 26, wherein the at least one strain sensor (9) is arranged close to the attachment flange (5).

30. (new) The electric motor and/or transmission as claimed in claim 26, wherein at least one strain sensor (9) is close to the housing and is provided close to the attachment flange (6).

31. (new) The electric motor and/or transmission as claimed in of claim 29, wherein at least one strain sensor (9) is arranged in a cylindrical area of the attachment flange (6).

32. (new) The electric motor and/or transmission as claimed in claim 30, wherein the at least one strain sensor (9) is arranged close to attachment screw holes (8) in the attachment flange (6).

33. (new) The electric motor and/or transmission as claimed in claim 26, wherein a plurality of strain sensors (9) are arranged radially distributed around the attachment flange (6) in an area of the housing (1), opposite the centering flange (5).

34. (new) The electric motor and/or transmission as claimed in claim 31, wherein the at least one strain sensor (9) is arranged underneath the centering flange (5) on the cylindrical housing (1).

35. (new) The electric motor and/or transmission as claimed in claim 26, wherein the attachment flange (6) is at least partially coaxially separated via a radial incision (18) from a casing surface (20) of the housing (1).

36. (new) The electric motor and/or transmission as claimed in claim 35, wherein the attachment flange (6) has at least one constriction (19) in the area of the incision (18), wherein the constriction is an at least partially radially circumferential constriction (19) and holds the least one strain sensor (9).

37. (new) The electric motor and/or transmission as claimed in claim 36, wherein the attachment flange (6) at least partially surrounds the housing (1) and at least one incision (18) is provided between the casing surface (20) and the attachment flange (6), to form the constriction (19).

38. (new) The electric motor and/or transmission as claimed in claim 26, wherein the at least one strain sensor (9) is in the

form of a strain gauge and is connected to an evaluation unit (10) and to an indicating electronics device (11).

39. (new) The electric motor and/or transmission as claimed in claim 38, wherein force and/or a torque is determined by the at least one strain sensor (9) and if a predetermined limit value is exceeded, an alarm signal or a switch-off signal can be generated and displayed on the indicating electronics device (11).

40. (new) The electric motor and/or transmission as claimed in claim 39, wherein the signals which are determined in the at least one strain sensor (9) are recorded over time in order to determine the operating state of the transmission, are stored in the evaluation unit (10) and can be retrieved.

41. (new) The electric motor and/or transmission as claimed in claim 40, wherein the indicating electronics device (11) is connected to at least one sensor (13), strain sensor (9), force sensor, temperature sensor, incremental sensor or the like, which are associated with the transmission or the transmission elements.

42. (new) The electric motor and/or transmission as claimed in claim 27, wherein the at least one electronics device (11) is associated with a base flange (2) on the housing (1).

43. (new) The electric motor and/or transmission as claimed in claim 42, wherein transmission-specific and permissible state parameters and limit values, such as force, temperature, life, number of revolutions, can be indicated visually and can be read on the indicating display (12) of the indicating electronics device (11).

44. (new) The electric motor and/or transmission as claimed in claim 43, wherein data which is generated in the electronics device (11) is transmitted to an external evaluation device (10).

45. (new) The electric motor and/or transmission as claimed in claim 43, wherein the transmission-specific state data, such as force, temperature, life, number of revolutions, etc., can be called up and read via the manually operable indicating display (12).

46. (new) The electric motor and/or transmission as claimed in claim 28, wherein the damping element (14) which is inserted

into the radially circumferential groove is in the form of an elastically deformable rubber element.

47. (new) The electric motor and/or transmission as claimed in claim 46, wherein the damping element (14) is in the form of an O-ring (17).

48. (new) The electric motor and/or transmission as claimed in claim 28, wherein a plurality of circumferential grooves (16), which are spaced apart from one another and are parallel to one another, are provided in the centering flange (5) for insertion of a plurality of damping elements (14).

49. (new) The electric motor and/or transmission as claimed in claim 48, wherein the at least one damping element (14) overhangs a casing surface of the centering flange (5) on the outside.